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|---------------|--|---------------|------------------------------------|
| <b>To:</b>    | Examiner: Shrinivas H. Rao<br>Art Unit: 2814   | <b>From:</b>  | Leslie S. Szivos                   |
| <b>Fax:</b>   | 571-273-8300   | <b>Pages:</b> | 21 pages including fax cover sheet |
| <b>Phone:</b> |  | <b>Date:</b>  | 3/30/2006                          |
| <b>Re:</b>    | U.S. Patent Appln. 09/936,320<br>Filed: September 12, 2001<br>Docket: YOR919990123US2 (18661)<br>Confirmation No. 3832 | <b>CC:</b>    |                                    |

## RESPONSE TO OFFICE ACTION

Please see the following documents:

1. Amendment Transmittal (in duplicate)
2. Authorization to charge IBM deposit account
3. Response under 37 C.F.R. § 1.116 (9 pages)
4. Two (2) references
5. Certificate of transmission by facsimile dated March 30, 2006

If you have any questions concerning this facsimile please contact Vivian Henriquez at 516-742-4343.  
Thank you.

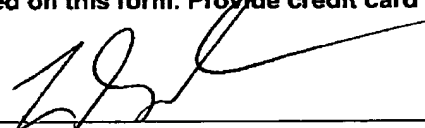
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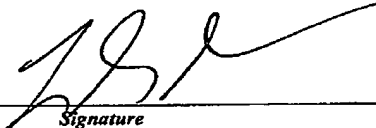
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|--|--|-------------------------------------|--|--|---------------------------------|--|--|--------|--|---|--|---|--|
| <b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>   |  |                                     |  | Docket No.<br><b>YOR919990123US2 (18661)</b> |                                 |  |  |        |  |   |  |   |  |
| Applicant(s): <b>Jack O. Chu</b>   |  |                                     |  |  |                                 |  |  |        |  |   |  |   |  |
| Application No.<br><b>09/936,320</b>   | Filing Date<br><b>September 12, 2001</b> | Examiner<br><b>Shrinivas H. Rao</b> | Customer No.<br><b>23389</b>   | Group Art Unit<br><b>2814</b>                | Confirmation No.<br><b>3832</b> |  |  |        |  |   |  |   |  |
| Invention: <b>HIGH SPEED Ge CHANNEL HETEROSTRUCTURES FOR FIELD EFFECT DEVICES</b>  |  |                                     |  |  |                                 |  |  |        |  |   |  |   |  |
| <b>COMMISSIONER FOR PATENTS:</b>   |  |                                     |  |  |                                 |  |  |        |  |   |  |   |  |
| Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below.  |  |                                     |  |  |                                 |  |  |        |  |   |  |   |  |
| <b>CLAIMS AS AMENDED</b>   |  |                                     |  |  |                                 |  |  |        |  |   |  |   |  |
|  | CLAIMS REMAINING<br>AFTER AMENDMENT      | HIGHEST #<br>PREV. PAID FOR         | NUMBER EXTRA<br>CLAIMS PRESENT   | RATE   | ADDITIONAL<br>FEE               |  |  |        |  |   |  |   |  |
| TOTAL CLAIMS   | 11 -                                     | 129 =                               | 0  | x \$50.00                                    | \$0.00                          |  |  |        |  |   |  |   |  |
| INDEP. CLAIMS  | 1 -                                      | 10 =                                | 0  | x \$200.00                                   | \$0.00                          |  |  |        |  |   |  |   |  |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |  |                                     |  |  | \$0.00                          |  |  |        |  |   |  |   |  |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>   |  |                                     |  |  | <b>\$0.00</b>                   |  |  |        |  |   |  |   |  |
| <input checked="" type="checkbox"/> No additional fee is required for amendment.<br><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____<br><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.<br><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>50-0510/IBM</b><br><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.<br><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.<br><input type="checkbox"/> Payment by credit card. Form PTO-2038. |  |                                     |  |  |                                 |  |  |        |  |   |  |   |  |
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| <br>Signature   |  |                                     | Dated: <b>March 30, 2006</b>   |  |                                 |  |  |        |  |   |  |   |  |
| <b>Leslie S. Szivos, Ph.D.</b><br><b>Registration No. 39,394</b><br><b>SCULLY, SCOTT, MURPHY &amp; PRESSER</b><br><b>400 Garden City Plaza - Suite 300</b><br><b>Garden City, New York 11530</b>   |  |                                     | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</td> </tr> <tr> <td style="text-align: center;">(Date)</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">_____<br/>Signature of Person Mailing Correspondence</td> </tr> <tr> <td colspan="2" style="text-align: center;">_____<br/>Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table> |  |                                 | I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ |  | (Date) |  | _____<br>Signature of Person Mailing Correspondence |  | _____<br>Typed or Printed Name of Person Mailing Correspondence |  |
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| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |  |                                     |   |                               | \$0.00                                       |  |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>   |  |                                     |   |                               | <b>\$0.00</b>                                |  |
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| <br>Signature   |  |                                     | Dated: <b>March 30, 2006</b>  |                               |  |  |
| <b>Leslie S. Szivos, Ph.D.</b><br><b>Registration No. 39,394</b><br><b>SCULLY, SCOTT, MURPHY &amp; PRESSER</b><br><b>400 Garden City Plaza - Suite 300</b><br><b>Garden City, New York 11530</b>   |  |                                     | <div style="border: 1px solid black; padding: 5px;">         I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____<br/>         _____<br/>         (Date)<br/>         _____<br/>         Signature of Person Mailing Correspondence<br/>         _____<br/>         Typed or Printed Name of Person Mailing Correspondence       </div> |                               |  |  |
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